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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K38/19 A61k A61K38/18 A61K48/00 A61P25/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) BIOSIS, EPO-Internal, PAJ, WPI Data, MEDLINE C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X SAMII AMIR ET AL: "Vascular endothelial 1-4,7, growth factor expression in peripheral 11-13, 16,22 nerves and dorsal root ganglia in diabetic neuropathy in rats." NEUROSCIENCE LETTERS, vol. 262, no. 3, 12 March 1999 (1999-03-12), pages 159-162, XP000952563 ISSN: 0304-3940 the whole document X WO 97 19693 A (AMGEN) 1-3,11,5 June 1997 (1997-06-05) page 1 US 5 420 112 A (LEWIS M.E. ET AL.) 1-23

X Further documents are listed in the continuation of box C.

30 May 1995 (1995-05-30)

Patent family members are listed in annex.

 Special categories 	of cited documents:
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Moreau, J

INTERNATIONAL SEARCH REPORT

Int. 4lonal Application No PCT/US 00/09765

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT				
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
A	US 5 604 202 A (KESSLER J.A. ET AL.) 18 February 1997 (1997-02-18) column 2, line 32-50	1-23			
A	CREANGE ALAIN ET AL: "Cytokines and peripheral nerve disorders." EUROPEAN CYTOKINE NETWORK, vol. 8, no. 2, 1997, pages 145-151, XP000952549 ISSN: 1148-5493 the whole document	1-23			
P,X	SCHRATZBERGER PETER ET AL: "Favorable impact of therapeutic angiogenesis on peripheral ischemic neuropathy." CIRCULATION, vol. 110, no. 18 SUPPL., 2 November 1999 (1999-11-02), page I.58 XP000952558 72nd Scientific Sessions of the American Heart Association; Atlanta, Georgia, USA; November 7-10, 1999 ISSN: 0009-7322 the whole document	1-4, 11-13, 15,22			
Ρ,Χ	WO 99 36103 A (MCGILL UNIVERSITY) 22 July 1999 (1999-07-22) page 41 -page 44	1-4,11, 16,22			
P,X	DUH ELIA ET AL: "Vascular endothelial growth factor and diabetes: The agonist versus antagonist paradox." DIABETES, vol. 48, no. 10, October 1999 (1999-10), pages 1899-1906, XP000952555 ISSN: 0012-1797 the whole document	1-23			

INTERNATIONAL SEARCH REPORT

information on patent family members

Int. .donal Application No PCT/US 00/09765

Patent document cited in search report		t	Publication date	Patent family member(s)		Publication date
WO	9719693	Α	05-06-1997	AU	1121997 A	19-06-1997
US	5420112	Α	30-05-1995	AT	187889 T	15-01-2000
				AU	683215 B	06-11-1997
				AU	4526293 A	04-01-1994
				CA	2136969 A	23-12-1993
				DE	69327402 D	27-01-2000
				DE	69327402 T	04-05-2000
				EP	0659083 A	28-06-1995
				ES	2140463 T	01-03-2000
				HU	70450 A,B	30-10-1995
				JP	7507799 T	31-08-1995
				NO	944780 A	09-12-1994
				NZ	253867 A	27-08-1996
				NZ	280523 A	27-07-1997
				PT	659083 T	31-05-2000
				WO	9325219 A	23-12-1993
				US	5569648 A	29-10-1996
				US	5633228 A	27-05-1997
				US	5648335 A	15-07-1997
				RU	2120803 C	27-10-1998
US	5604202	Α	18-02-1997	US	6011004 A	04-01-2000
			· ·	US	5585348 A	17-12-1996
MU	9936103		22-07-1999	NONE	:	